

Steven C. Quay  
Application No.: 09/587,116  
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PATENT

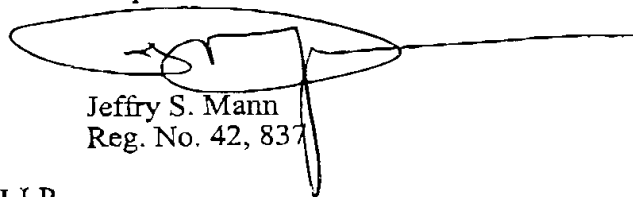
As suggested by the Examiner in a telephone conference with Applicant's representative, Dr. Jeffry S. Mann, claim 1 has been amended to explicitly recite selected reactive functional groups of use in the compounds of the instant invention. The Examiner requested the amendment to simplify her search. The amendments are made solely for the convenience of the Examiner and to expedite prosecution and are made neither in response to any prior art of record nor for reasons of patentability.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



Jeffry S. Mann  
Reg. No. 42, 837

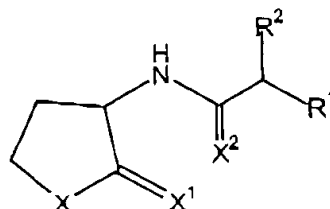
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Amended Once) A compound having the structure:



(I)

wherein,

$R^1$  is a member selected from  $-H$ ,  $-OH$ , and  $(=O)$ ;

$R^2$  is a member selected from reactive functional groups, alkyl groups terminally substituted with a reactive functional group and internally substituted alkyl groups terminally substituted with a reactive functional group wherein said alkyl groups terminally substituted with a reactive functional group and said internally substituted alkyl groups terminally substituted with a reactive functional group are substituted with a reactive functional group which is a member selected from  $-OR^3$ ,  $-NHR^4$ ,  $-COR^5$ ,  $-SH$  and  $-CH_2X^3$  wherein,

$-OR^3$  is a member selected from hydroxy, alkyl sulfonate and aryl sulfonate groups;

$R^4$  is H;

$R^5$  is a member selected from H,  $X^3$  and  $-OR^6$ , wherein

$R^6$  is a member selected from alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocyclyl and substituted heterocyclyl groups; and

$X^3$  is a halogen;

X is a member selected from  $-O-$ ,  $-S-$  and  $-NH-$ ; and

$X^1$  and  $X^2$  are members independently selected from O and S.